AUTHOR INDEX TO VOLUME 89

Abdulov, R.Z., see Kh.Ya. Mulyukov 89 (1990) 207
Adroja, D.T., B.D. Padalia, S.K. Malik, R. Nagarajan and R. Vijayaraghavan, Magnetic susceptibility and ^{151}Eu Mössbauer studies on cubic ternary compounds: EuPtSi and EuPdSi 89 (1990) 375
Amin, N., see R. Ranjan 89 (1990) 38
Anne, M., see S. Nicolopoulos 89 (1990) 254
Auffret, S., see J. Pierre 89 (1990) 86
Averbach, B.L., see L. Henderson 89 (1990) 245

Bader, S.D., see J. Zak 89 (1990) 107
Bakonyi, I. and H. Ebert, On the magnetic susceptibility contributions of Zr metal 89 (1990) 350
Bażela, W., see J. Leciejewicz 89 (1990) 29
Beuerle, T. and M. Fähnle, On the theory of Invar behavior of polycrystalline and amorphous ferromagnets 89 (1990) 56
Bonino, Ch., see Ph. Tailhades 89 (1990) 33
Boucher, B., see C. Jeandey 89 (1990) 335
Bratsberg, H., see Z.J. Yang 89 (1990) 309
Buchkov, D., see I. Dragieva 89 (1990) 75
Buschow, K.H.J., see P. Schobinger-Papamantellos 89 (1990) 47
Buschow, K.H.J., see T. Endstra 89 (1990) L273

Campbell, S.J., see G.H.J. Wantenaar 89 (1990) 13
Chang, C.R., see J.H. Hsu 89 (1990) 167
Chaplin, D.H., see G.H.J. Wantenaar 89 (1990) 13
Chuang, Y.C., see Z.-d. Zhang 89 (1990) 173
Chuang, Y.C., see Z.-d. Zhang 89 (1990) 304
Cui, F.Z., see J.F. Wang 89 (1990) 153
Czjzek, G., see K. Tomala 89 (1990) 143
Czjzek, G., see C. Jeandey 89 (1990) 335

Dang, M.-Z., see H.-S. Li 89 (1990) 355
De Boer, F.R., see Z.-d. Zhang 89 (1990) 304
De Mooij, D.B., see P. Schobinger-Papamantellos 89 (1990) 47
Ding, B.Z., J. Lu, J.T. Wang, S.L. Li and G.S. Li, Effect of surface features on magnetic anisotropy for amorphous FeBSi ribbons 89 (1990) 70
Dragieva, I., M. Slavcheva, D. Buchkov and D. Mehandjiev, Preparation and properties of magnetic metal powders obtained by a borohydride reduction process 89 (1990) 75
Drzazga, Z., Exchange and crystal field interactions in RCo_4B (R = Gd,Dy,Ho,Er) 89 (1990) 97

Ebert, H., see I. Bakonyi 89 (1990) 350
Endstra, T., G.J. Nieuwenhuys, J.A. Mydosh and K.H.J. Buschow, Magnetic and transport properties of some $U_3T_3X_4$-compounds (T = Co,Ni,Cu and X = Sb,Sn) (*Letter to the Editor*) 89 (1990) L273

Fähnle, M., see T. Beuerle 89 (1990) 56
Fan, Y.-d., see J.F. Wang 89 (1990) 153
Franse, J.J.M., see R. Verhoef 89 (1990) 176
Fruchart, R., see R. Zach 89 (1990) 221
Fuerst, C.D., see F.E. Pinkerton 89 (1990) 139

Gao, C., see M. Zhang 89 (1990) 386
Gau, J.S., see R. Ranjan 89 (1990) 38
Geld, P.V., see B.V. Ryzhenko 89 (1990) 236
González, J., see K. Kułakowski 89 (1990) 135
Gradmann, U., see J. Korecki 89 (1990) 325
Grönefeld, M., see V.A. Ignatchenko 89 (1990) 229
Guillot, M., see R. Zach 89 (1990) 221
Gundu Rao, T.K., see K. Muraleedharan 89 (1990) L277
Guo, H.-Q., see B.-g. Shen 89 (1990) 195

Hadjipanayis, G.C., see M. Zhang 89 (1990) 386
Hafez, M. and A. Ślebarski, Magnetic and structural investigations of $Zr_{1-x}Gd_xAl_2$ alloys 89 (1990) 124
Hankiewicz, J., Z. Pająk and M. Krupotkin, ^{57}Fe NMR, magnetization and X-ray study of $Cd_{0.1}Cu_{0.9}Fe_2O_4$ ferrite 89 (1990) 315
Helgesen, G., see Z.J. Yang 89 (1990) 309
Henderson, L., R.C. O'Handley and B.L. Averbach, Magnetic properties and morphologies of rapidly-solidified iron -oxides with silica 89 (1990) 245
Hirosawa, S., see G. Martinek 89 (1990) 369
Holland-Moritz, E., see K. Tomala 89 (1990) 143
Houssay, E., see J. Pierre 89 (1990) 86
Hsu, J.H., C.R. Chang, P.C. Kuo and J.H. Huang, Annealing effect on magnetic properties of Si-modified γ-Fe_2O_3 particles 89 (1990) 167
Huang, J.H., see J.H. Hsu 89 (1990) 167

Ignatchenko, V.A., H. Kronmüller and M. Grönefeld, Magnetostatic coupling of two-dimensional periodic arrangements of single domain particles 89 (1990) 229

Jeandey, C., J.L. Oddou, B. Boucher, R. Tourbot and G. Czjzek, Effects of struc-

ture on exchange interactions in crystalline and amorphous alloys $Gd_xY_{50-x}Ag_{50}$ 89 (1990) 335
Jen, S.U. and C.Y. Lee, Crystallization in amorphous $Fe_{78}B_{13}Si_9$ 89 (1990) 214
Ji, S.-q., see B.-g. Shen 89 (1990) 195
Johansen, T.H., see Z.J. Yang 89 (1990) 309
Johnson, M.T., see O.J. Wimmers 89 (1990) 61
Jurczyk, M., Magnetic properties of $RFe_{10.8}Re_{1.2}$ compounds (R = Y, Tb and Ho) (*Letter to the Editor*) 89 (1990) L5

Kaczmarska, K. and E. Kwapulińska, Electron spin resonance in GdT_2Sn_2 compounds (T = Ni,Cu,Ru,Pd,Ag) (*Letter to the Editor*) 89 (1990) L267
Kalogirou, O., D. Samaras and A.C. Stergiou, Magnetic properties and composition range of non-stoichiometric M-type hexagonal ferrites prepared by ion exchange 89 (1990) 379
Kaneyoshi, T., Surface magnetic behavior of a semi-infinite Ising model with a spin-one free surface (*Letter to the Editor*) 89 (1990) L1
Kolenda, M., A. Szytuła, J. Leciejewicz, A. Pawlukojć and H. Ptasiewicz-Bąk, Magnetic structure of Mn_3Ni_2Si 89 (1990) 26
Korecki, J., M. Przybylski and U. Gradmann, Thermal variation and spatial distribution of local magnetization in ultrathin Fe(110) films 89 (1990) 325
Korovin, V.M., Modified thermodynamic approach for calculation of ponderomotive force on a body in ferrofluid 89 (1990) 201
Korznikova, G.F., see Kh.Ya. Mulyukov 89 (1990) 207
Kotsanidis, P.A., see J.K. Yakinthos 89 (1990) 299
Kronmüller, H., see V.A. Ignatchenko 89 (1990) 229
Kronmüller, H., see G. Martinek 89 (1990) 369
Krupotkin, M., see J. Hankiewicz 89 (1990) 315
Kułakowski, K. and J. González, Self-stabilizing of stress and field induced magnetic anisotropy in Co-rich amorphous alloys 89 (1990) 135
Kuo, P.C., see J.H. Hsu 89 (1990) 167
Kwapulińska, E., see K. Kaczmarska 89 (1990) L267

Lachowicz, H.K., see A. Siemko 89 (1990) 21
Lambert, B., see S. Nicolopoulos 89 (1990) 254
Lasinski, P., see O.J. Wimmers 89 (1990) 61
Leciejewicz, J., see M. Kolenda 89 (1990) 26
Leciejewicz, J., A. Szytuła, W. Bażela and S. Siek, Neutron-diffraction investigation of long range magnetic order in $CeMn_2Ge_2$, $HoMn_2Si_2$ and $HoMn_2Ge_2$ 89 (1990) 29
Lee, C.Y., see S.U. Jen 89 (1990) 214
Li, G.S., see B.Z. Ding 89 (1990) 70
Li, H.-S., B.-T. Xie and M.-Z. Dang, Study of the magnetic structure for $Nd_2Fe_{14}B$ 89 (1990) 355
Li, S.L., see B.Z. Ding 89 (1990) 70
Lipowski, A., An extended version of Gaussian fluctuations approximation. Application for an Ising model with positive biquadratic interaction 89 (1990) 129
Liu, C., see J. Zak 89 (1990) 107
Liu, J.f., see S.m. Pan 89 (1990) 79
Lodder, J.C., see N. Zhang 89 (1990) 284
Lu, J., see B.Z. Ding 89 (1990) 70
Luo, H.l., see S.m. Pan 89 (1990) 79

Madar, R., see J. Pierre 89 (1990) 86
Maj, W., Anomalous magnetoresistivity of amorphous $GdCo_3$ thin films 89 (1990) 189
Malafaev, N.T., A.A. Murakhovskii, J.A. Popkov and I. Onyszkiewicz, A study on magnetocrystalline anisotropy in tetragonal copper ferrite 89 (1990) 8
Malik, S.K., see D.T. Adroja 89 (1990) 375
Martinek, G., H. Kronmüller and S. Hirosawa, Angular dependence of coercivity in Pr–Fe–B sintered magnets 89 (1990) 369
Mehandjiev, D., see I. Dragieva 89 (1990) 75
Misra, A. and B.G. Varshney, Can a stress alone applied to a demagnetized ferromagnetic specimen produce any magnetization? 89 (1990) 159
Mollard, P., see Ph. Tailhades 89 (1990) 33
Moog, E.R., see J. Zak 89 (1990) 107
Mulyukov, Kh.Ya., G.F. Korznikova, R.Z. Abdulov and R.Z. Valiev, Magnetic hysteretic properties of submicron grained nickel and their variations upon annealing 89 (1990) 207
Murakhovskii, A.A., see N.T. Malafaev 89 (1990) 8
Muraleedharan, K. and T.K. Gundu Rao, Is CuO a spin fluid? (*Letter to the Editor*) 89 (1990) L277
Mydosh, J.A., see T. Endstra 89 (1990) L273

Nagamine, L.C.C.M., H.R. Rechenberg and A.E. Ray, Fe site populations in $Sm_2(Co,Fe)_{17}$ and $Sm(Co,Fe,Cu,Zr)_{8.35}$ alloys (*Letter to the Editor*) 89 (1990) L270
Nagarajan, R., see D.T. Adroja 89 (1990) 375
Nicolopoulos, S., B. Lambert, M. Anne and H. Vincent, Neutron diffraction study, magnetic structure and thermodiffractometry study of the β'' $Na(H_2O,H_3O^+)$ ferrite 89 (1990) 254
Nieuwenhuys, G.J., see T. Endstra 89 (1990) L273
Ning, T.-s., see B.-g. Shen 89 (1990) 195
Norman, N., see Z.J. Yang 89 (1990) 309

Oddou, J.L., see C. Jeandey 89 (1990) 335
O'Handley, R.C., see L. Henderson 89 (1990) 245
Oleksy, C. and J. Przystawa, Energy excitations in three-axial magnets with single-ion and exchange anisotropies 89 (1990) 358
Onyszkiewicz, I., see N.T. Malafaev 89 (1990) 8

Padalia, B.D., see D.T. Adroja 89 (1990) 375
Pająk, Z., see J. Hankiewicz 89 (1990) 315
Pan, S.m., J.f. Liu and H.l. Luo, The in situ and dynamic observation of the Nd–Fe–B magnet 89 (1990) 79
Pawlukojć, A., see M. Kolenda 89 (1990) 26
Pierre, J., S. Auffret, E. Siaud, R. Madar, E. Houssay, A. Rouault and J.P. Senateur, Magnetic properties of rare earth silicide single crystals RSi_{2-x} (R = Pr,Nd,Gd) 89 (1990) 86
Pinkerton, F.E. and C.D. Fuerst, Coercivity of die upset Nd–Fe–B magnets: a strong pinning model 89 (1990) 139
Popkov, J.A., see N.T. Malafaev 89 (1990) 8
Pridvizhkin, S.V., see B.V. Ryzhenko 89 (1990) 236
Przybylski, M., see J. Korecki 89 (1990) 325
Przystawa, J., see C. Oleksy 89 (1990) 358
Ptasiewicz-Bąk, H., see M. Kolenda 89 (1990) 26

Quintero, M., A. Willsher and J.C. Woolley, Effect of the magnetic transition on the optical energy gap of the ferromagnetic semiconductor $Ag_2MnGeSe_4$ 89 (1990) 185

Radwański, R.J., see R. Verhoef 89 (1990) 176
Radwański, R.J., see Z.-d. Zhang 89 (1990) 304
Ranjan, R., J.S. Gau and N. Amin, Comparison of angular variation of coercivity in various magnetic media 89 (1990) 38
Ray, A.E., see L.C.C.M. Nagamine 89 (1990) L270
Rechenberg, H.R., see L.C.C.M. Nagamine 89 (1990) L270
Ressler, L. and M. Rosenberg, Hyperfine fields and magnetic transitions in the low iron concentration range of the crystalline $Fe_xNi_{75-x}P_{25}$-alloys 89 (1990) 322
Rosenberg, M., see L. Ressler 89 (1990) 322
Rouault, A., see J. Pierre 89 (1990) 86
Rousset, A., see Ph. Tailhades 89 (1990) 33
Ryzhenko, B.V., S.V. Pridvizhkin and P.V. Geld, Fluctuations in competing exchange interactions and magnetic inhomogeneity in $FePd_2Au$ alloys 89 (1990) 236

Samaras, D., see O. Kalogirou 89 (1990) 379
Sarda, Ch., see Ph. Tailhades 89 (1990) 33
Schäfer, W., see J.K. Yakinthos 89 (1990) 299
Schobinger-Papamantellos, P., D.B. de Mooij and K.H.J. Buschow, Modulated structure and ferromagnetic ordering in $PrGe_{1.60}$ studied by neutron diffraction and magnetic measurements 89 (1990) 47
Senateur, J.P., see J. Pierre 89 (1990) 86
Shen, B.-g., J.-x. Zhang, L.-y. Yang, F. Wo, T.-s. Ning, S.-q. Ji, J.-g. Zhao, H.-Q. Guo and W.-s. Zhan, Magnetic properties and phase components in amorphous $(Fe_{1-x}Nd_x)_{81.5}B_{18.5}$ alloys after crystallization 89 (1990) 195
Siaud, E., see J. Pierre 89 (1990) 86
Siek, S., see J. Leciejewicz 89 (1990) 29
Siemko, A. and H.K. Lachowicz, On the origin of stress-dependent saturation magnetostriction in metallic glasses 89 (1990) 21
Skjeltorp, A.T., see Z.J. Yang 89 (1990) 309
Slavcheva, M., see I. Dragieva 89 (1990) 75
Ślebarski, A., see M. Hafez 89 (1990) 124
Stergiou, A.C., see O. Kalogirou 89 (1990) 379
Sun, X.K., see Z.-d. Zhang 89 (1990) 173
Sun, X.K., see Z.-d. Zhang 89 (1990) 304
Szytuła, A., see M. Kolenda 89 (1990) 26
Szytuła, A., see J. Leciejewicz 89 (1990) 29

Taftø, J., see Z.J. Yang 89 (1990) 309
Tailhades, Ph., Ch. Sarda, Ch. Bonino, P. Mollard and A. Rousset, Magnetic properties of boron and cobalt doped iron oxide pigments prepared from oxalic precursors 89 (1990) 33
Tomala, K., D. Weschenfelder, G. Czjzek and E. Holland-Moritz, Intermediate valence and the 4f quadrupole moment in $YbCu_2Si_2$: a ^{174}Yb Mössbauer study 89 (1990) 143
Tourbot, R., see C. Jeandey 89 (1990) 335

Valiev, R.Z., see Kh.Ya. Mulyukov 89 (1990) 207
Varshney, B.G., see A. Misra 89 (1990) 159
Verhoef, R., R.J. Radwański and J.J.M. Franse, Strength of the rare-earth–transition-metal exchange coupling in hard magnetic materials, an experimental approach based on high -field magnetisation measurements: application to $Er_2Fe_{14}B$ 89 (1990) 176
Vijayaraghavan, R., see D.T. Adroja 89 (1990) 375
Vincent, H., see S. Nicolopoulos 89 (1990) 254

Wang, J.F., F.Z. Cui, Y. Wang and Y.-d. Fan, Structure and magnetic properties of Fe/Al multilayers synthesized by planar magnetron sputtering 89 (1990) 153
Wang, J.T., see B.Z. Ding 89 (1990) 70
Wang, Y., see J.F. Wang 89 (1990) 153
Wantenaar, G.H.J., G.V.H. Wilson, D.H. Chaplin and S.J. Campbell, New model for effects of domain wall pinning on ferromagnetic susceptibility 89 (1990) 13
Weschenfelder, D., see K. Tomala 89 (1990) 143
Will, G., see J.K. Yakinthos 89 (1990) 299
Willsher, A., see M. Quintero 89 (1990) 185
Wilson, G.V.H., see G.H.J. Wantenaar 89 (1990) 13
Wimmers, O.J., M.T. Johnson and P. Lasinski, Geometrically induced domain pattern variations in laminated CoNbZr structures 89 (1990) 61
Wo, F., see B.-g. Shen 89 (1990) 195
Woolley, J.C., see M. Quintero 89 (1990) 185
Wu, C.H., see Z.-d. Zhang 89 (1990) 173

Xie, B.-T., see H.-S. Li 89 (1990) 355

Yakinthos, J.K., P.A. Kotsanidis, W. Schäfer and G. Will, Magnetic structure determination of $NdNiC_2$ and $TmNiC_2$ by neutron diffraction 89 (1990) 299
Yang, L.-y., see B.-g. Shen 89 (1990) 195
Yang, Z.J., H. Bratsberg, N. Norman, T.H. Johansen, J. Taftø, G. Helgesen and A.T. Skjeltorp, Preparation and magnetic properties of the Sb-doped Bi–Pb–Sr–Ca–Cu–O superconductors 89 (1990) 309

Zach, R., M. Guillot and R. Fruchart, The influence of high magnetic fields on the first order magneto-elastic transition in $MnFe(P_{1-y}As_y)$ systems 89 (1990) 221
Zak, J., E.R. Moog, C. Liu and S.D. Bader, Universal approach to magneto-optics 89 (1990) 107
Zhan, W.-s., see B.-g. Shen 89 (1990) 195
Zhang, J.-x., see B.-g. Shen 89 (1990) 195
Zhang, M., C. Gao and G.C. Hadjipanayis, Cobalt substituted R–Fe(Co)–C alloys 89 (1990) 386
Zhang, N. and J.C. Lodder, Structural and magnetic properties of CoCr ribbons 89 (1990) 284
Zhang, Z.-d., C.H. Wu, X.K. Sun and Y.C. Chuang, Magnetocrystalline anisotropy of $Pr_{n+1}Co_{3n+5}B_{2n}$ compounds 89 (1990) 173
Zhang, Z.-d., X.K. Sun, Y.C. Chuang, F.R. de Boer and R.J. Radwański, Magnetic properties of $Gd_2Fe_{14-x}Co_xB$ compounds 89 (1990) 304
Zhao, J.-g., see B.-g. Shen 89 (1990) 195

SUBJECT INDEX TO VOLUME 89

Actinides 89 (1990) 273, 358
Aftereffect
– diffusion 89 (1990) 13
Amorphous systems
– Co-rich 89 (1990) 135
– iron alloys 89 (1990) 70
– metallic glasses 89 (1990) 214
– permanent magnets 89 (1990) 195
– RE compounds 89 (1990) 335
– thin films 89 (1990) 189
Anisotropy
– Fe alloys 89 (1990) 70
– field-induced 89 (1990) 135
– magnetocrystalline 89 (1990) 8, 79, 173, 304
– RE compounds 89 (1990) 97
– single-ion 89 (1990) 358
– surface 89 (1990) 75
Anisotropy constants 89 (1990) 379
Annealing effect 89 (1990) 167, 207

Bottleneck 89 (1990) 267

Coercivity 89 (1990) 33, 207, 386
– angular variation 89 (1990) 38, 369
– intrinsic 89 (1990) 139, 195
– shape 89 (1990) 75
Coupling effect
– elastic 89 (1990) 56
Crystal field
– interactions 89 (1990) 97
– RE compounds 89 (1990) 355
89 (1990) 128
Crystal structure 89 (1990) 47
Crystallization
– in amorphous systems 89 (1990) 214
Curie temperature
– composition-dependent 89 (1990) 5, 97, 386

Demagnetization 89 (1990) 79, 159
Density of states
– electronic 89 (1990) 350
Disordered magnets 89 (1990) 236
Domain
– pattern variations 89 (1990) 61
– wall pinning 89 (1990) 13, 139

Electrical resistivity 89 (1990) 86, 124, 273
Electronic structure 89 (1990) 350
Electron-spin resonance 89 (1990) 267, 277
Exchange
– coupling 89 (1990) 176
– field 89 (1990) 97
– interactions 89 (1990) 236, 335
– ion 89 (1990) 379
Exchange anisotropy 89 (1990) 358

Ferrites 89 (1990) 254, 379
– spinel 89 (1990) 8, 315
Ferrofluids 89 (1990) 201
Ferromagnetic
– ordering 89 (1990) 47
– resonance 89 (1990) 8
Ferromagnets
– amorphous 89 (1990) 56
Fluctuations 89 (1990) 236

Gaussian fluctuation approximation 89 (1990) 129

Hall effect 89 (1990) 189
High magnetic field 89 (1990) 304
Hyperfine fields 89 (1990) 315, 322, 325, 335
Hysteresis loss 89 (1990) 38
Hysteretic properties 89 (1990) 207

Information storage
– high density recording 89 (1990) 33, 379
– magnetic recording media 89 (1990) 38, 167, 245
– perpendicular recording 89 (1990) 284
– recording heads 89 (1990) 61
Intermediate valence 89 (1990) 143
Intermetallic compounds 89 (1990) 26
Invar behavior 89 (1990) 56
Ising model 89 (1990) 1, 129

Kerr effect 89 (1990) 61, 107

Magnetic coupling 89 (1990) 61
Magnetic order
– long range 89 (1990) 29
Magnetic phase diagram 89 (1990) 221

Magnetic structures 89 (1990) 26, 254, 299, 355

Magnetization
- bulk 89 (1990) 335
- composition-dependent 89 (1990) 284
- field-dependent 89 (1990) 86
- high-field 89 (1990) 176, 221
- local 89 (1990) 325
- remanent 89 (1990) 33
- reversal 89 (1990) 38
- saturation 89 (1990) 195, 304, 379
- spontaneous 89 (1990) 97
- static 89 (1990) 315
- stress-induced 89 (1990) 159
- temperature-dependent 89 (1990) 5, 129, 273, 358

Magnetoelasticity 89 (1990) 221
Magneto-optics 89 (1990) 107
Magnetoresistance
- amorphous alloys 89 (1990) 189

Magnetostatics 89 (1990) 229
Magnetostriction
- saturation 89 (1990) 21

Metal powder 89 (1990) 75
Metallic glasses 89 (1990) 21, 214
Microstructure 89 (1990) 79, 386
Modulated structure 89 (1990) 47
Mössbauer spectroscopy
- amorphous alloys 89 (1990) 335
- disordered magnets 89 (1990) 236
- Fe alloys 89 (1990) 322
- rare-earth compounds 89 (1990) 375
- rare-earth–transition metal compounds 89 (1990) 143, 270
- ultrathin films 89 (1990) 325

Multilayer structures 89 (1990) 107, 153

Neutron diffraction 89 (1990) 26, 29, 47, 254, 299

Nuclear magnetic resonance
- spin echo 89 (1990) 315

Optical absorption 89 (1990) 185

Particles
- fine ferromagnetic 89 (1990) 167, 229, 245
- in ferrofluid 89 (1990) 201

Permanent magnets 89 (1990) 5, 79, 139, 176, 195, 207, 270, 304, 355, 369

Phase transitions
- first-order 89 (1990) 221
- magnetic 89 (1990) 185, 254, 322

Quadrupole moment 89 (1990) 143

Rare earth
- compounds 89 (1990) 47
- impurities 89 (1990) 124
- silicides 89 (1990) 86, 375

Rare earth–transition metal compounds 89 (1990) 5, 29, 97, 143, 173, 176, 267,270, 299, 304, 355, 369, 386

Semiconductors
- ferromagnetic 89 (1990) 185

Single domain particles 89 (1990) 229
Soft magnetic materials 89 (1990) 201
Specific heat 89 (1990) 358
Spin fluid 89 (1990) 277
Spin reorientation 89 (1990) 355
Spinel 89 (1990) 315
Stress effects 89 (1990) 21, 135, 159

Superconductivity
- high-T_c 89 (1990) 277, 309

Surface magnetism 89 (1990) 1
Surface structure 89 (1990) 70
Susceptibility
- ac 89 (1990) 13, 309
- magnetic 89 (1990) 350
- temperature-dependent 89 (1990) 26, 86, 124, 273, 375

Ternary rare earth compounds 89 (1990) 375
Thermal expansion 89 (1990) 315
Thin films 89 (1990) 38, 284
- amorphous 89 (1990) 189
- laminated 89 (1990) 61
- ultra- 89 (1990) 107, 325

Transitional metal
- oxides 89 (1990) 33, 245
- pure 89 (1990) 207

Transmission electron microscopy 89 (1990) 79
Transport properties 89 (1990) 273
Two-dimensional systems 89 (1990) 229

X-ray diffraction 89 (1990) 5, 26, 153, 245, 284, 309, 315